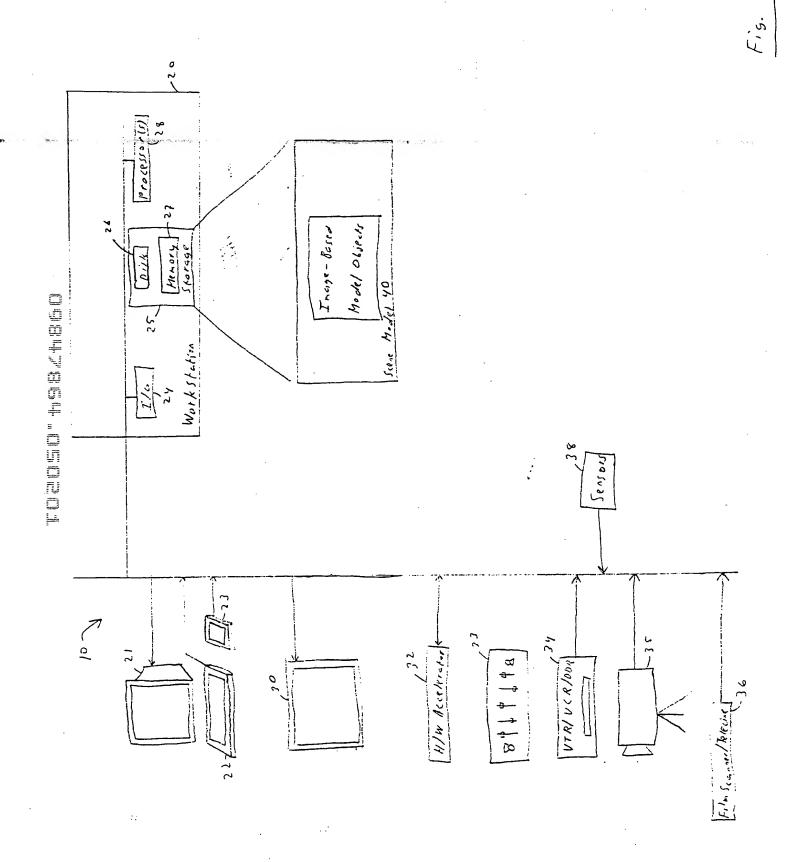
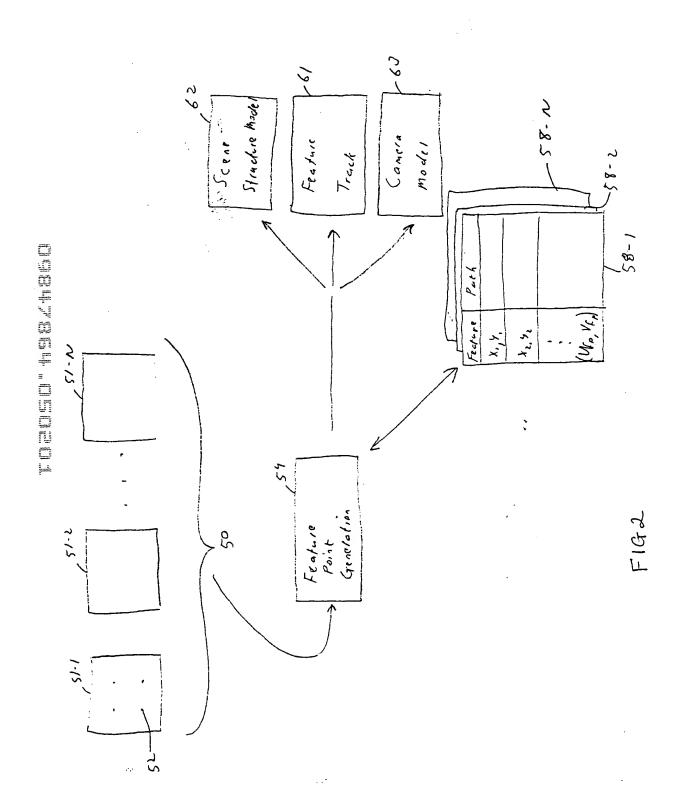
Docket/App No.: 2346.2004-001 litle: Nearest Neighbor Edge Election Inventors: David B. Askev et al.



Docket/App No.: 2346.2004-001 lle: Nearest Neighbor Edge Election Inventors: David B Askey et al.



Docket/App No.: 2346.2004-001
e: Nearest Neighbor Edge Election .
entors: David B. Askev et al.

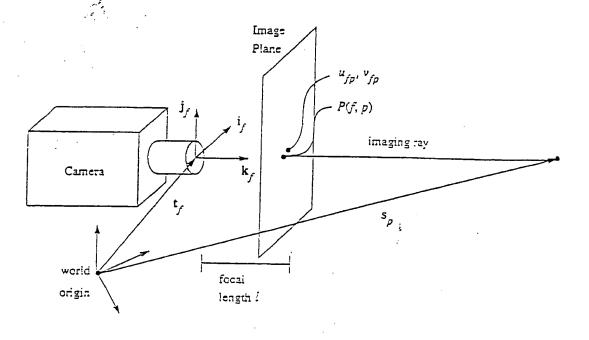
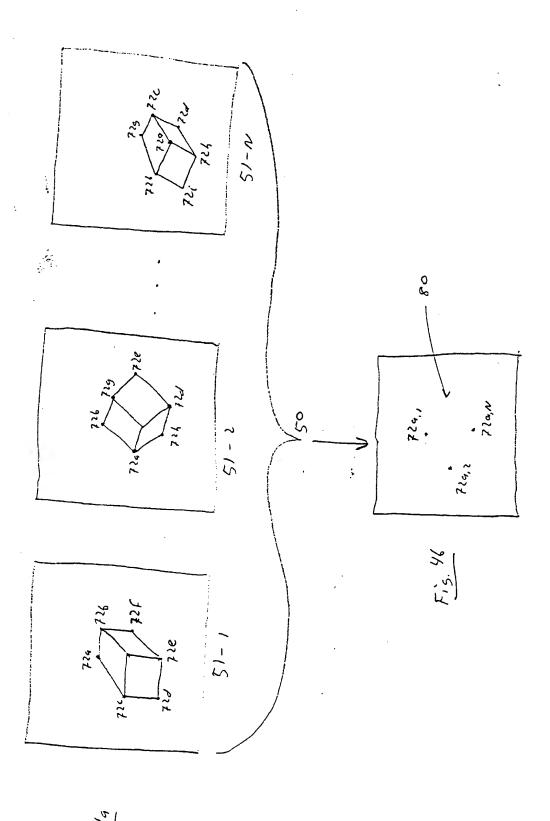


Fig. 3

Docket/App No.: 2346.2004-001
Title: Nearest Neighbor Edge Election
However David B. Askev et al.



Docket/App No.: 2346.2004-001 Title: Nearest Neighbor Edge Election s: David B. Askev et al. Create 30 Vertices Create a Near Neighbors List For each Vertex Calculate Normals For each Veitex Radiolly Order the Neur Neighbour for each Vertex Prune the Set Near Neiskbars Seed the 600 Model Surface Construct SuiFace Surface Clant to Determine

Final Faces

Fill Faces

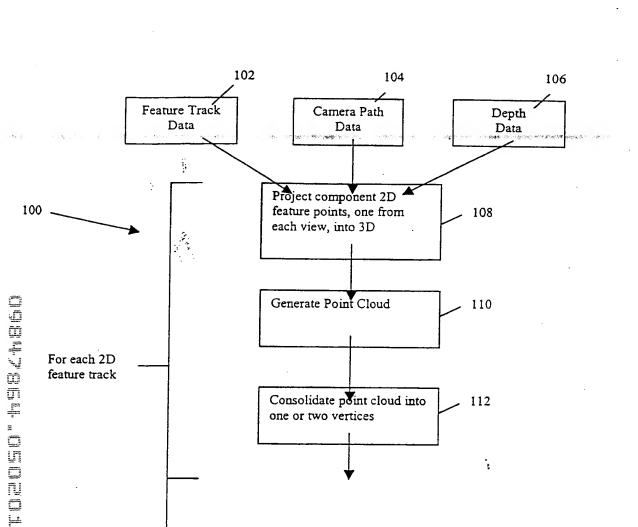
¿ gad Vertex

900

Fig. 5

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Nearest Neighbor Edge Election
Hors: David B. Askey et al.

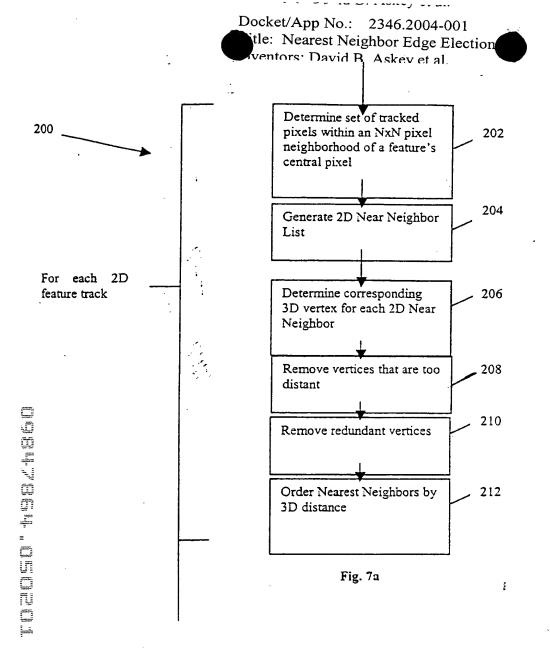


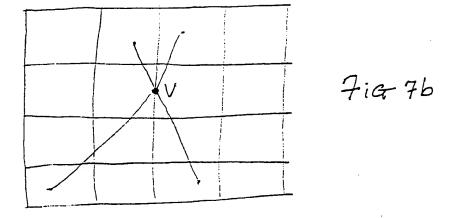
Consolidate point cloud into

Fig. 6

ì

one or two vertices





le: Nearest Neighbor Edge Election

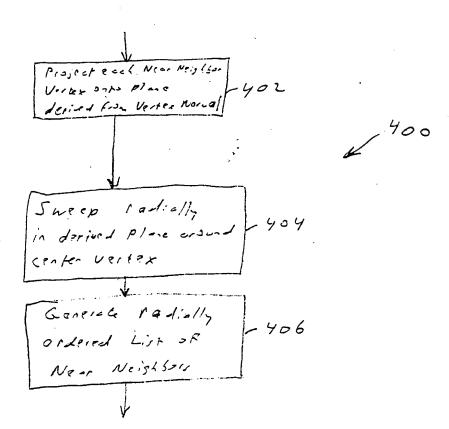
ventors: David B. Askev et al.

Fis 8

3064 30 Z 304 >3066 30614 304 304 3060

COMFIGST CSCL

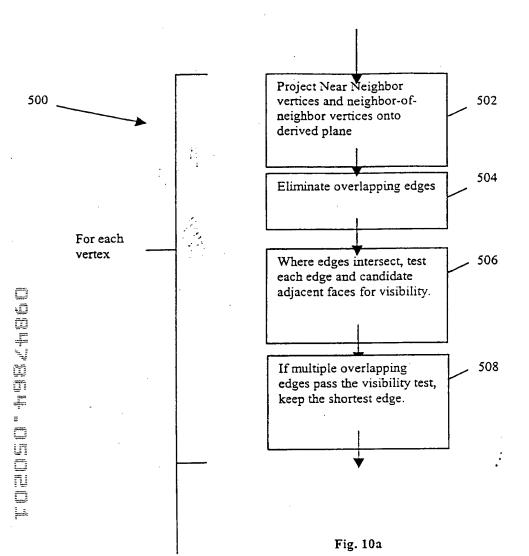
F15,9



Docket/App No.: 2346.2004-001

le: Nearest Neighbor Edge Election

miventors: David B. Askev et al.



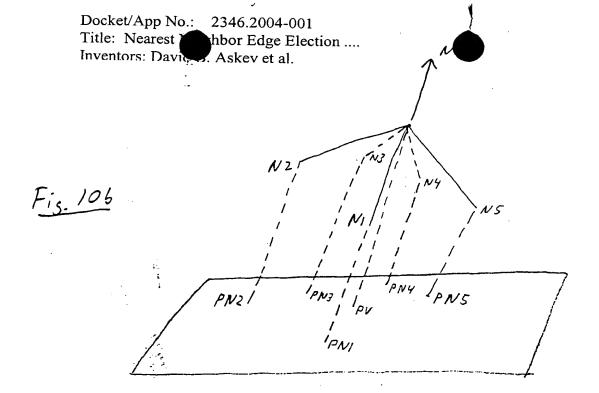


Fig. 10c PNS PNS

NZ NY

Fig 10d

Docket/App No.: 2346.2004-001 e: Nearest Neighbor Edge Election entors: David R. Askev et al. radially Vertex For each vertex, creete faces that connect the center vertex to each pair of radially adjacent

neish 6015

Docket/App No.: 2346.2004-001

Nearest Neighbor Edge Election ...

Nearest Neighbor Edge Election ...

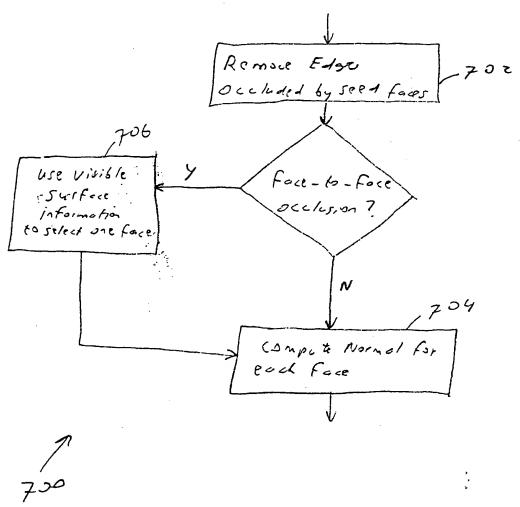


Fig. 12

Fig. 13

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5 / 1 / 1 / 2 / 2 / 2 / 3

Fig. 14

